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TCS - 8965/64
IB - 393/64
30 October 1964
Copy # 1

DECLASSIFICATION REVIEW by NIMA/DOD 4/13/00

MEMORANDUM FOR: Chief, Programs Division, ORR

25X1A ATTENTION : [REDACTED] P/FW
THROUGH : Chief, Requirements Branch, Reconnaissance Group, CGS
FROM : Chief, CIA/PID (NPIC)
SUBJECT : Shubra Al Kheima Military Factory No. 27
REFERENCES : (1) ORR Requirement No. C-RR4-81,116 (Revised)
(2) CIA/PID Project No. C-472-64

1. This memorandum is in response to the referenced requirement which asks for a chronological analysis of Shubra Al Kheima Military Factory No. 27, Egypt, which is reported to manufacture small arms ammunition.

25X1D 2. The enclosed information provides a comparative analysis of factory No. 27 from [REDACTED] depicting the expansion and activity of this facility during this period.

25X1D 3. Construction of military factory No. 27 was largely completed by the end of [REDACTED]. The plant encompasses forty-five acres and is bounded by a residential area to the north and the Cairo Thermal Power Plant (north) to the northwest.

25X1D [REDACTED] the main production building, powder-loading building, receiving and storage building, and a machine shop were completed. Numerous small administrative/research buildings and support facilities were also erected or under construction. Excavation for seven reveted bunkers, probably for propellant and initiator storage, were underway. Three minor assembly buildings were also observed under construction.

A security wall had been erected around the plant area and was being equipped with guard towers. The plant is served by two good hard surfaced roads and a single-track railroad.

25X1D 4. [REDACTED] Construction on the probable propellant and initiator storage bunkers and four minor assembly buildings was completed. A test range had been partially erected along the

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southern boundry of the factory.

The probable mess/recreation facility, located in the southwest corner of the facility, was under construction. Obliquity precluded any further analysis of this mission.

25X1D

5. [REDACTED] A great deal of construction occurred since the previous mission. The test range and the probable mess/recreation facility were completed.

25X1B

25X1B

[REDACTED] An administrative/research building was under construction just north of the test range, and another large building was observed under construction outside the plant area near the northeast gate. The purpose of the latter is not clear because of its location outside of the factory complex.

25X1D

6. [REDACTED] Little construction occurred since the last mission. A workshop was constructed north of the powder-loading building. The administrative/research building and the U/I building, observed under construction on [REDACTED] appear to have been completed.

25X1D

25X1D

7. [REDACTED] Four new unidentified buildings were erected in the vicinity of the powder-loading building. They appeared to be of much heavier construction than the other factory buildings; however, their function could not be determined.

25X1D

An unusual amount of rail-traffic was noted on this mission. Seven rail cars were standing on the siding next to the receiving and storage building. Thirteen additional rail cars were observed alongside the probable propellant storage area.

25X1D

8. [REDACTED] There was no change during the [REDACTED] period since the previous coverage. There was an absence of rail traffic and only a few vehicles were observed in the factory area. The only activity noted was centered around a newly scarred area (approximately 40' x 200') immediately south of the possible mess/recreation building. Several vehicles and mounds of dirt or materials were seen in the area.

25X1D

25X1D

9. [REDACTED] In this photo, taken between the previous [REDACTED] a second large machine shop and modifications to two minor assembly buildings were constructed.

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10. An annotated line drawing (CIA/PID/IB-P-1415/64) has been provided along with a table listing all of important structures, their dimensions, number of floors, and floor space in square feet. The measurements, performed by TID/NPIC, were taken from photographic [REDACTED] and the [REDACTED] and are considered to be accurate to ten percent.

25X1D
25X1D
25X1D

25X1A

11. The photo analyst assigned to this project was [REDACTED] who may be contacted on extension 2422 should you have any questions regarding this requirement. This memorandum and enclosed graphics complete this requirement.

[REDACTED]
25X1A

Enclosures:

- 1 - Line Drawing
(CIA/PID/IB-P-1415/64)
- 7 - Annotated Enlargements
(CIA/PID/IB-P-1416/64 thru P-1422/64)

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Description of Facilities, Shubra Al Kheima
Military Factory No. 27
(Items are keyed to CIA/PID/IB-P-1415/64)

ITEM	DESCRIPTION/FUNCTION	NO. OF FLOORS	DIMENSIONS	FLOOR SPACE (Sq. Ft.)
1.	Possible Dispensary	1	Irregular	4,700
2.	Administrative Building	2	Irregular	39,000
3.	Probable Admin/Research	1	100' x 35'	3,500
4.	Probable Admin/Research	1	Irregular	9,100
5.	Probable Admin/Research	1	120' x 40'	4,800
6.	Machine Shop	1	330' x 250'	82,500
7.	Main Production Building	1	505' x 345'	174,225
8.	Receiving and Storage Building	1	500' x 160'	80,000
9.	Minor Assembly Building	1	150' x 90'	13,500
10.	Workshop	1	95' x 60'	5,700
11.	Workshop	1	95' x 65'	6,175
12.	Minor Assembly Building	1	220' x 100'	22,000
13.	Administrative/Research Building	1	115' x 40'	4,700
14.	Administrative/Research Building	1	Irregular	4,600
15.	Powder-loading Building	1	200' x 180'	36,000
16.	Four Probable Propellant Storage Buildings	1	55' x 30' each	6,600
17.	Two Probable Initiator Storage Sheds	1	20' x 20' each	800 25X1D
18.	Probable Mess/Recreation Building	1	Irregular	
19.	Test Range	1	730' x 140'	86,000
20.	Workshop	1	55' x 50'	2,750
21.	Two Probable Garages	1	50' x 25' each	2,500
22.	Mosque	1	45' x 45'	2,025
23.	Administrative/Research Building	1	Irregular	4,625
24.	Poss. Underground Resting/ Curing	1	Irregular (vented roof 90' x 35')	3,775
25.	Workshop	1	75' x 50'	3,750
26.	Unidentified Building	1	90' x 25'	2,250
27.	Unidentified Building	1	105' x 105'	11,025
28.	Unidentified Building	1	65' x 60'	3,900
29.	Unidentified Building	1	90' x 30'	2,700
30.	Machine Shop	1	260' x 170'	44,200

Total Floorspace - -

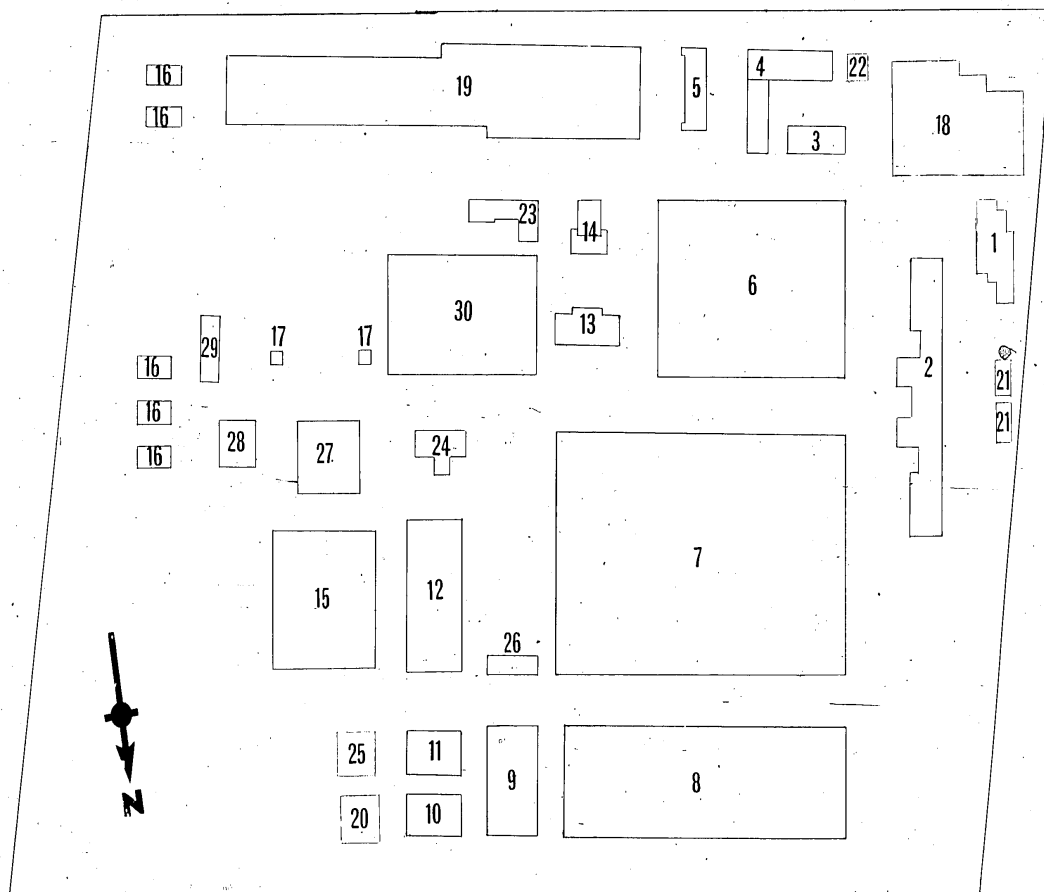
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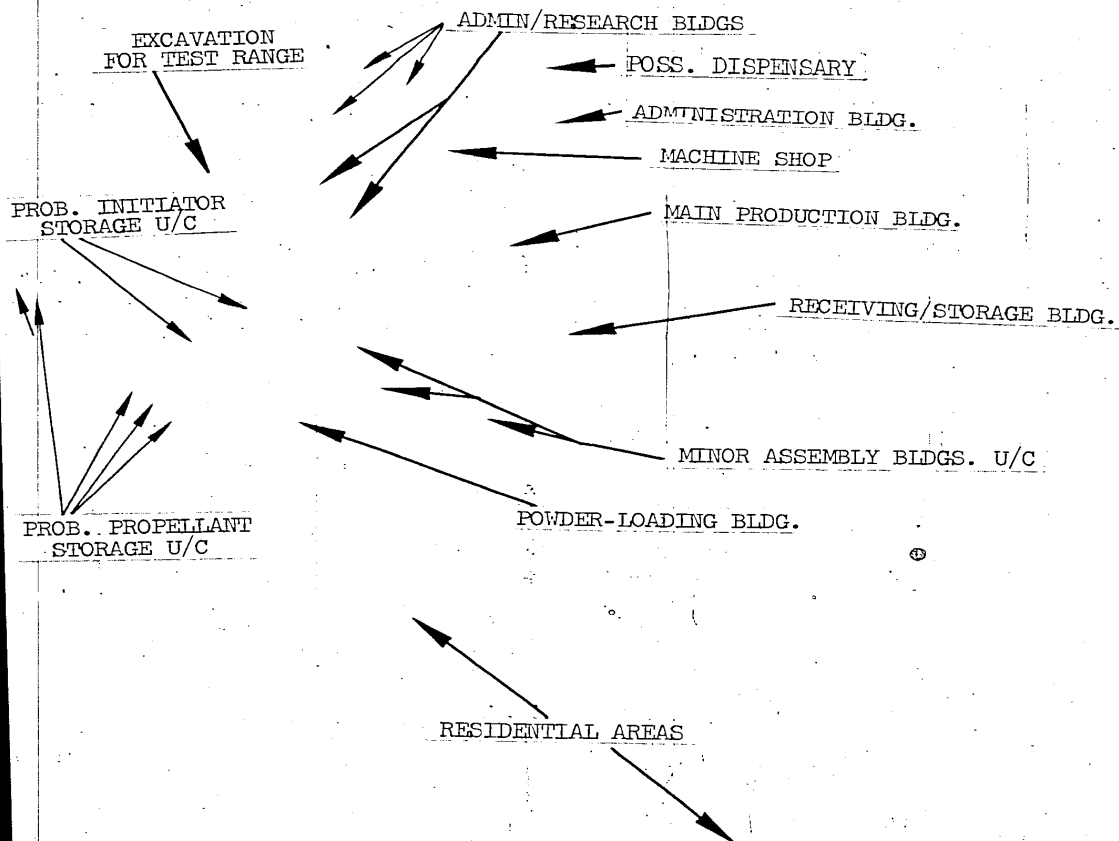
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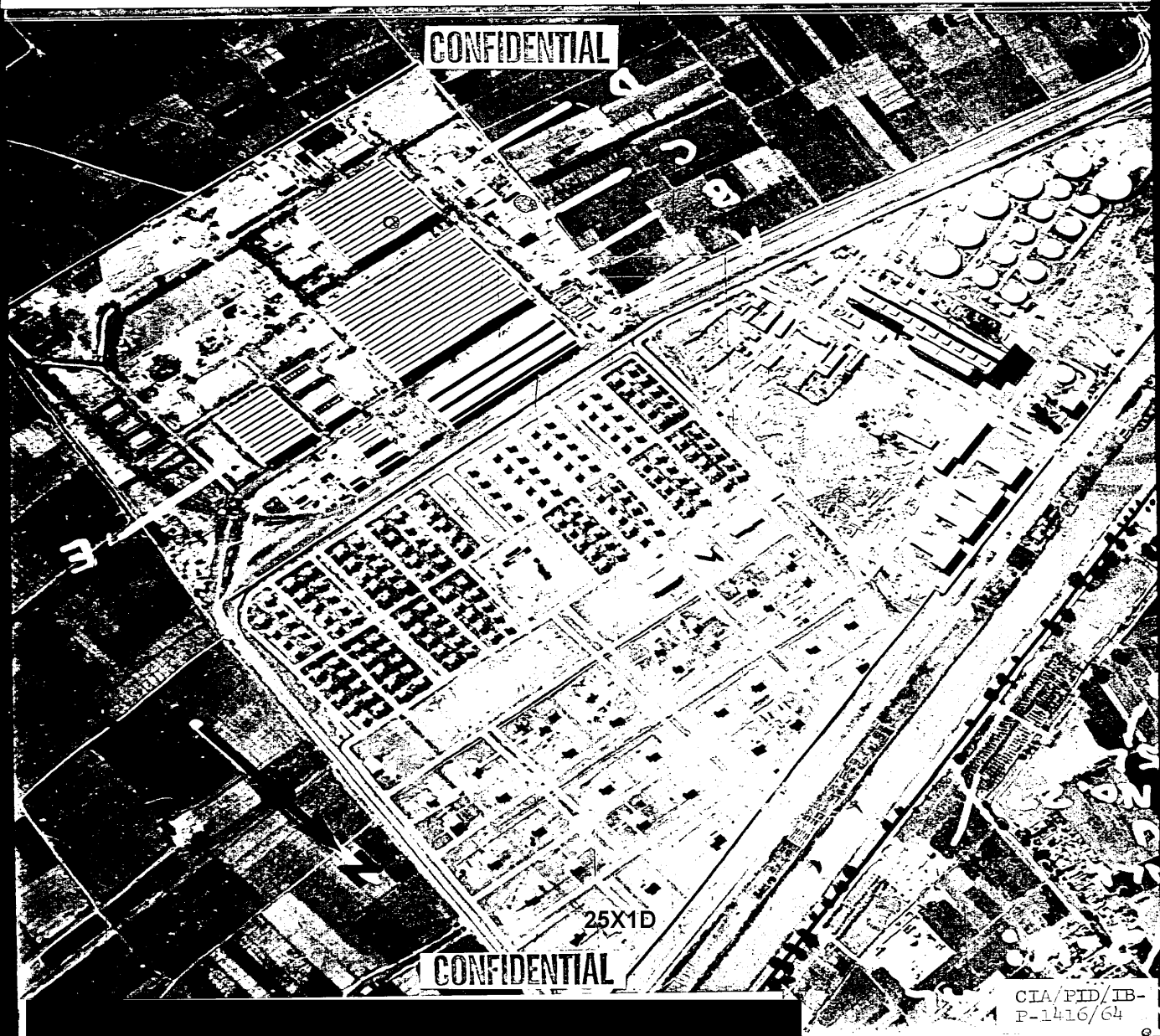


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CIA/PID/IB-
P-1415/64





CIA/PID/IB-
P-1416/64

CONFIDENTIAL

EXCAVATION
FOR TEST RANGE

ADMIN/RESEARCH BLDGS

POSS. DISPENSARY

ADMINISTRATION BLDG.

MACHINE SHOP

PROB. INITIATOR
STORAGE U/C

MAIN PRODUCTION BLDG.

RECEIVING/STORAGE BLDG.

MINOR ASSEMBLY BLDGS. U/C

PROB. PROPELLANT
STORAGE U/C

POWDER-LOADING BLDG.

RESIDENTIAL AREAS

25X10

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CIA/PID/IB-
P-1416/64

PROBABLE PROPELLANT
STORAGE COMPLETED

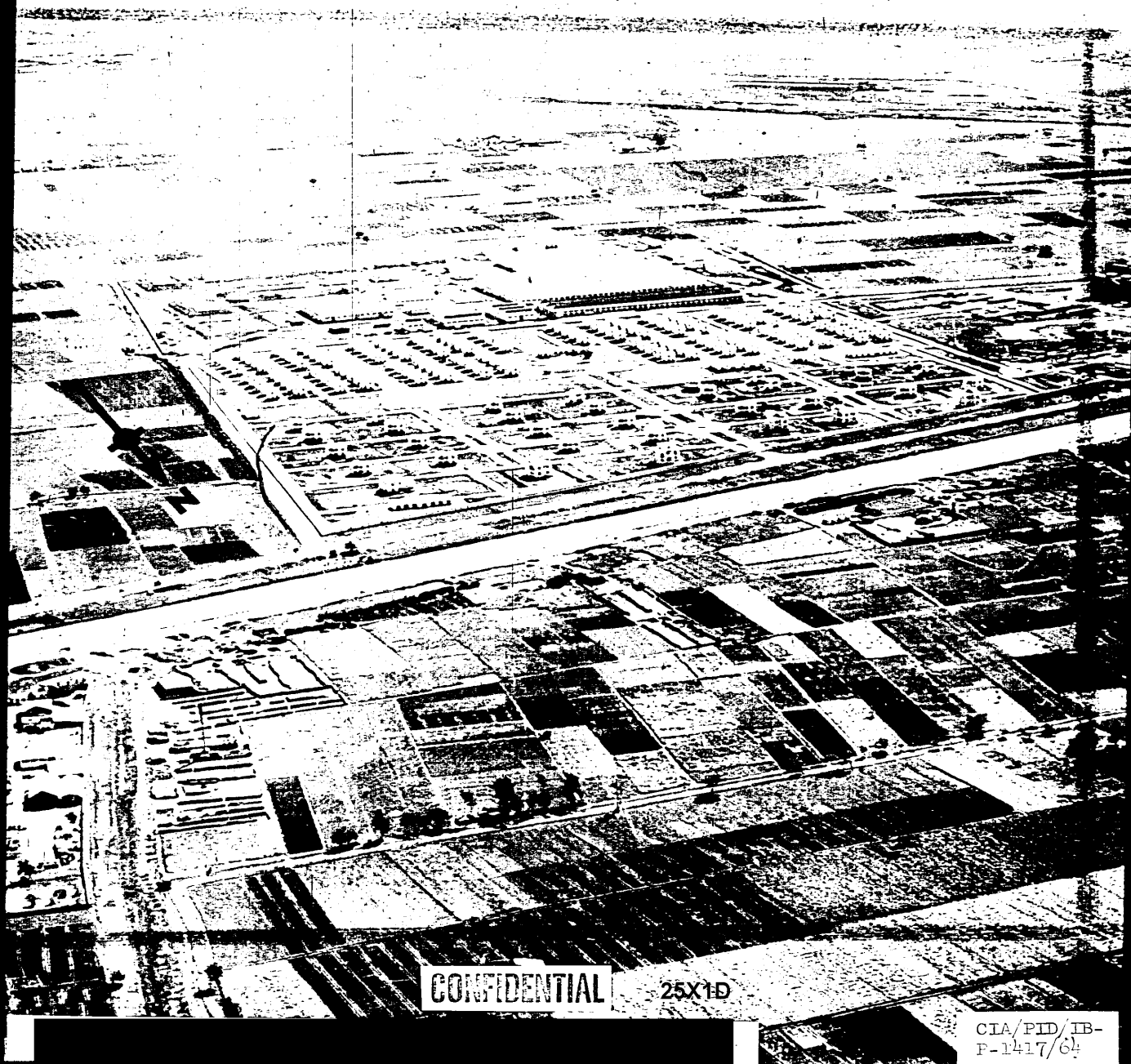
PROBABLE INITIATOR STORAGE
COMPLETED

TEST RANGE U/C

POSS. MESS FACILITY U/C

MINOR ASSEMBLY
BUILDINGS COMPLETED

CONFIDENTIAL

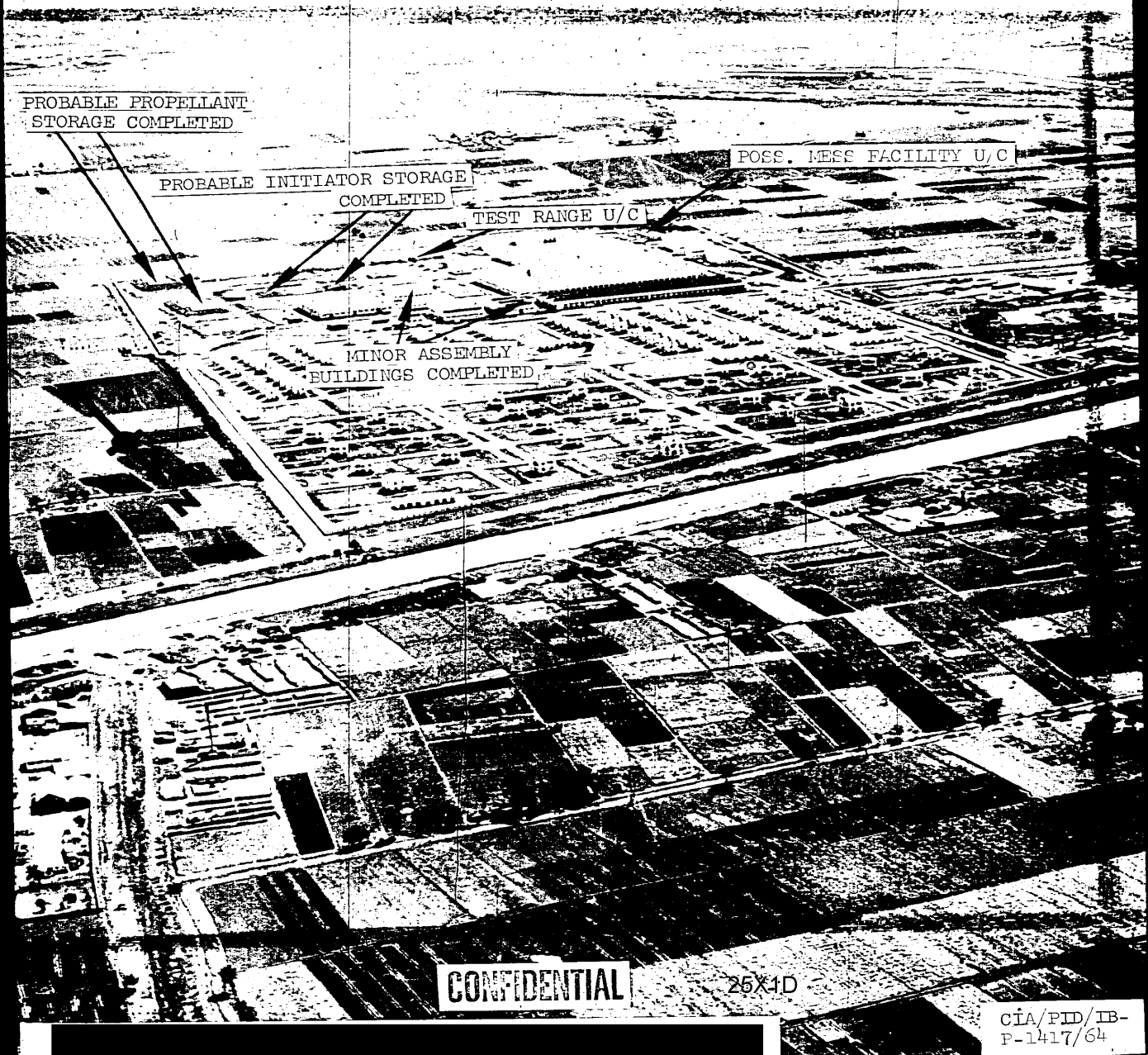


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POSS. UNDERGROUND RESTING AND CURING
FACILITY COMPLETED

TEST RANGE COMPLETED

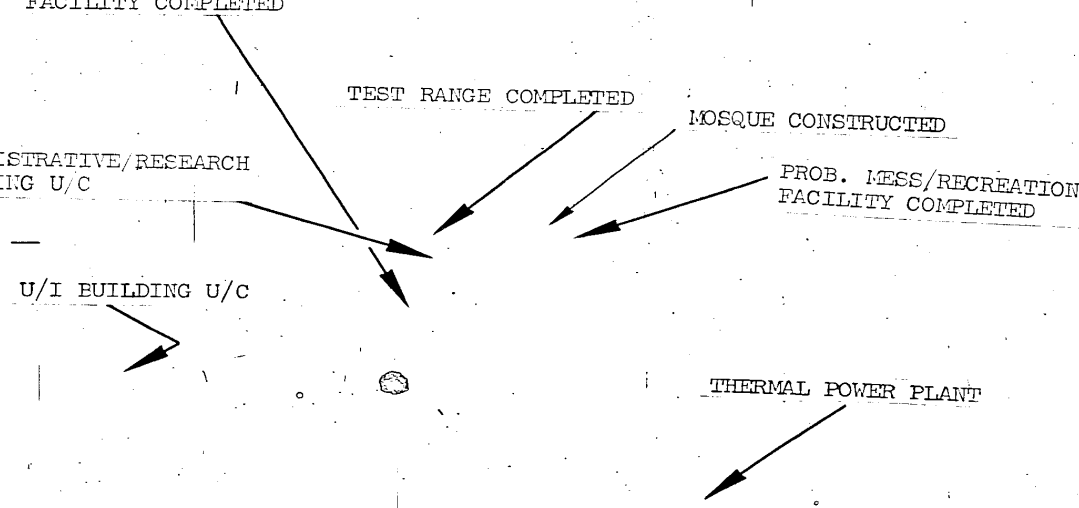
MOSQUE CONSTRUCTED

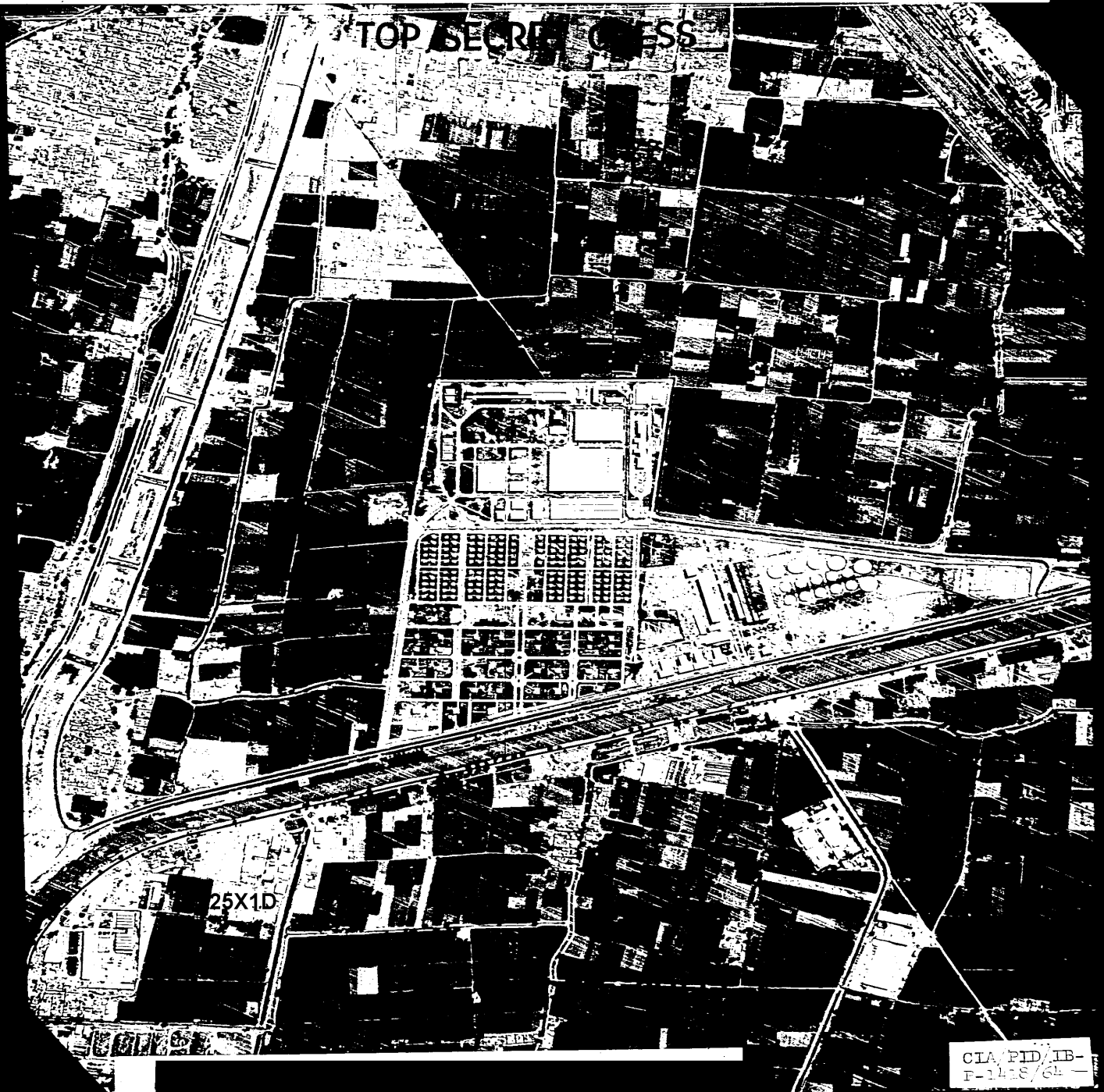
ADMINISTRATIVE/RESEARCH
BUILDING U/C

PROB. MESS/RECREATION
FACILITY COMPLETED

U/I BUILDING U/C

THERMAL POWER PLANT





TOP SECRET

POSS. UNDERGROUND RESTING AND CURING
FACILITY COMPLETED

TEST RANGE COMPLETED

MOSQUE CONSTRUCTED

ADMINISTRATIVE, RESEARCH
BUILDING U C

PROB. MESS/RECREATION
FACILITY COMPLETED

U/I BUILDING U/C

THERMAL POWER PLANT

25X10

CIA/PID/IB-
P-1418/64

U/I BUILDING COMPLETED

WORKSHOP CONSTRUCTED

ADMINISTRATIVE/RESEARCH
BUILDING COMPLETED



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U I BUILDING COMPLETED

WORKSHOP CONSTRUCTED

ADMINISTRATIVE, RESEARCH
BUILDING COMPLETED

TOP SECRET CHES

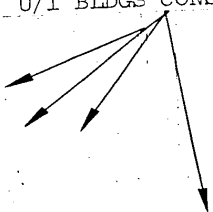
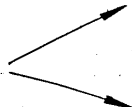
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RAIL TRAFFIC

U/I BLDGS CONSTRUCTED

RAIL TRAFFIC





CIA/PID/IB-
P-1420/64

TOP SECRET CHESSE

U/I BLDGS CONSTRUCTED

RAIL TRAFFIC

RAIL TRAFFIC

25X1D

TOP SECRET CHESSE

CIA/PID/IB-
P-1420/64

U/I ACTIVITY



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NO FOREIGN DISSEM

CONFIDENTIAL
NO FOREIGN DISSEM

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CIA/PID/IB-
P-401/64

CONFIDENTIAL
NO FOREIGN DISSEM

U/I ACTIVITY

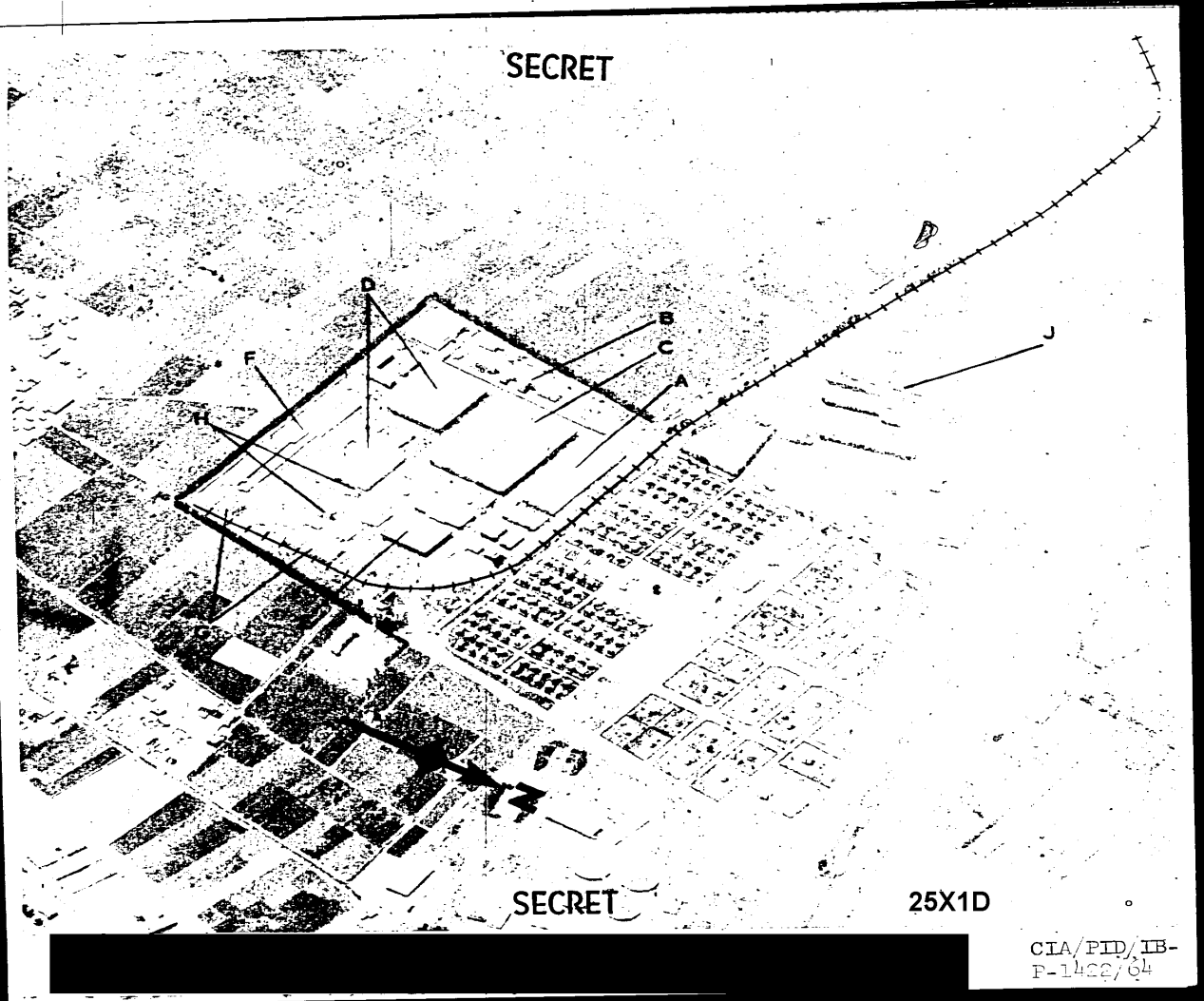
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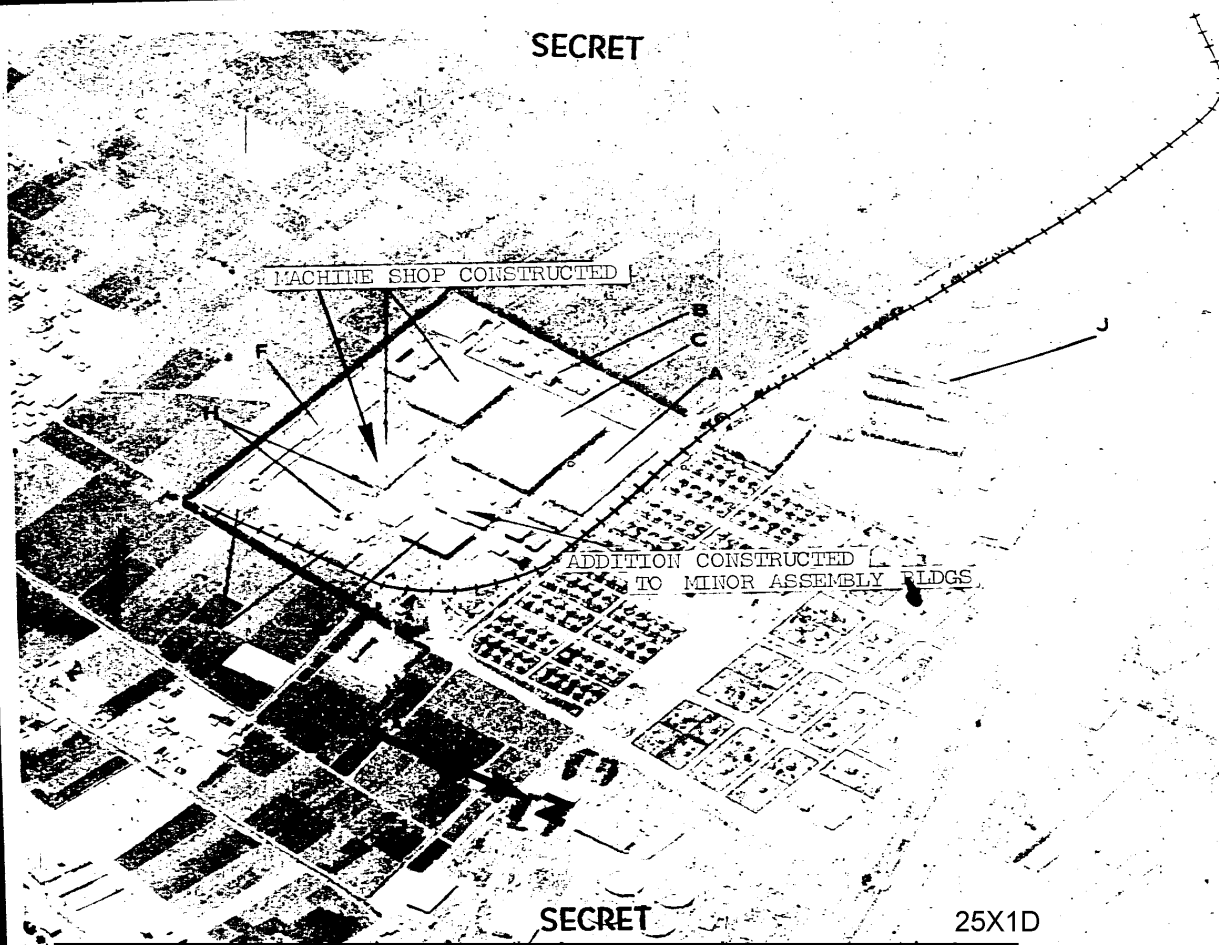
CIA/PID/IB-
P-1421/64

MACHINE SHOP CONSTRUCTED

ADDITION CONSTRUCTED
TO MINOR ASSEMBLY BLDGS



SECRET



CIA/PID/IB-
P-1422/64